THE

| CERTIFICATE OF Applicant(s): DAVID | | ST CLASS MAIL (37 CFR 1.8) | | ket No. H-0019 |
|------------------------------------|------------------------------------|---|----------------------|-------------------|
| Application No. 10/564,606 | Filing Date | Examiner | Customer No. 23413 | Group Art Unit |
| 0.000 | POR POR | | | |
| MAY I 8 2000 | | | | |
| I hereby certify that t | his <u>Response to File M</u> | lissing Requirements; Declaration/Power | er of Attorney | |
| is being deposited w | ith the United States Po | stal Service with sufficient postage as | first class mail in | an envelope |
| addressed to "Comr 15 M | nissioner for Patents, P.O. (Date) | O. Box 1450, Alexandria, VA 22313-14 | 450" [37 CFR 1.8 | 3(a)] on |
| * | | Jennifer (Typed or Printed Name of Person | | lanca) |
| | | A amo | 7 | |
| | | (Signature of Person Mai | ling Correspondence) | |
| | | | | |
| | Note: Each pa | per must have its own certificate of mailing. | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| FORM PTO (REV. 7-200 | -139()5) | 00 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE | ATTORNEY'S DOCKET NUMBER |
|-------------------------|--------------|--|---|
| | - | ANSMITTAL LETTER TO THE UNITED STATES | DEH-0019 |
| | D | DESIGNATED/ELECTED OFFICE (DO/EO/US) | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) |
| CO | N | CERNING A SUBMISSION UNDER 35 U.S.C. 371 | 10/564,606 |
| INTERNA | | ONAL APPLICATION NO. INTERNATIONAL FILING DATE CT/EP2004/007935 15 JULY 2004 | PRIORITY DATE CLAIMED 17 JULY 2003 |
| TITLE OF | | CT/EP2004/007935 15 JULY 2004 NVENTION | 17,0021 2003 |
| | | NS METER OIPE | |
| | | | |
| APPLICA | TNA | r(s) FOR DO/EO/US | |
| DAVID | HI | IRST (MAY 1 8 2006 | |
| Applicant | t he | erewith submits to the United States Decises Elected Office (DO/EO/US) the form | ollowing items and other information: |
| 1. | _ | This is a FIRST submission of items concerning a submission under 35 U.S.C. 3 | |
| 2. | | This is a SECOND or SUBSEQUENT submission of items concerning a submiss | |
| 3. □ |] | This is an express request to begin national examination procedures (35 U.S.C. (9) and (24) indicated below. | |
| 4. □ | | The US has been elected (Article 31). | |
| 5. |] | A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) | |
| | | a. is attached hereto (required only if not communicated by the Internation | onal Bureau). |
| | | b. has been communicated by the International Bureau. | |
| | | c. is not required, as the application was filed in the United States Received | ring Office (RO/US). |
| 6. □ | | An English language translation of the International Application as filed (35 U.S. | C. 371(c)(2)). |
| _ | | a. is attached hereto. | |
| | | b. has been previously submitted under 35 U.S.C. 154(d)(4). | |
| 7. 🗆 | | Amendments to the claims of the International Application under PCT Article 19 | (35 U.S.C. 371 (c)(3)) |
| - | | a. are attached hereto (required only if not communicated by the International Communicated Communica | ional Bureau). |
| | | b. have been communicated by the International Bureau. | |
| | | c. have not been made; however, the time limit for making such amendm | ents has NOT expired. |
| | | d. have not been made and will not be made. | |
| 8. | | An English language translation of the amendments to the claims under PCT Ar | ticle 19 (35 U.S.C. 371(c)(3)). |
| 9. 🗵 | <u> </u> | An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). | |
| 10. ∟ | J | An English language translation of the annexes to the International Preliminary E Article 36 (35 U.S.C. 371 (c)(5)). | examination Report under PC1 |
| 11. | | A copy of the International Preliminary Examination Report (PCT/IPEA/409). | |
| 12. |] | A copy of the International Search Report (PCT/ISA/210). | |
| Item | s 13 | 3 to 23 below concern document(s) or information included: | |
| 13. | | An Information Disclosure Statement under 37 CFR 1.97 and 1.98. | |
| 14. |] | An assignment document for recording. A separate cover sheet in compliance v | with 37 CFR 3.28 and 3.31 is included. |
| 15. |] | A FIRST preliminary amendment. | |
| 16. | | A SECOND or SUBSEQUENT preliminary amendment. | |
| 17. |] | A substitute specification. | |
| 18. | | A power of attorney and/or change of address letter. | |
| 19. | _ | A computer-readable form of the sequence listing in accordance with PCT Rule | |
| 20. | _ | A second copy of the published International Application under 35 U.S.C. 154(d) | |
| 21. | _ | A second copy of the English language translation of the International Application | on under 35 U.S.C. 154(d)(4). |
| 22 . | | Express Mail Label No. | |

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO (if known_see 37 CFR 1.5)

INTERNATIONAL ABBLICATION

| U.S. APPLICATION | N NO (if known, see 3 | 37 CFR 1.5 | international | APPL | ICATION NO |). <u> </u> | ATTORNEY'S DOC | KET NUMBER |
|--|---|--|---|--------------------------|---|-----------------------|----------------|------------|
| 1 | 0/564,606 | | PCT/EP20 | 04/0 | 07935 | | DEH-00 | 19 |
| 23. Other iten | ns or information: | • | | | | | | |
| Notice to 1 | File Missing Requi | rements | | | | | | |
| The fellender | food hove been | | | | | | CALCULATIONS | PTO USE |
| _ | rfees have been s ational fee | | | | | \$300 | | |
| If the written opini prepared by IPEA | /US indicates all c | A/US or t laims sat | he international prelimina isfy provisions of PCT Art | icle | | eport \$0 \$200 | \$ \$0.00 | |
| 26. Search of the written opinion by IPEA/US Search fee (37 CF) as an International Search | fee (37 CFR 1.492 onof the ISA/US of indicates all claim FR 1.445(a)(2)) hat ational Searching och Report prepare communicated to the | (b)) r the Intens satisfy s been pa Authority d by an I ne US by | rnational preliminary examprovisions of PCT Article aid on the international apostonic SA other than the US and the IB. | nination 33(1) plicat | on report)-(4) ion to the ided to the | \$0 \$100 | \$ \$0.00 | |
| | OF 24, 25 and | | | • • | | + | \$ \$0.00 | |
| | | | ings filed in paper over 10 CFR 1.821(c) or (e) or con 1.492(j)). neets of paper or fraction | 00 she npute there | eets (excluder program | ding | | |
| Total Sheets | Extra Sheets | | er of each additional 50 of thereof (round up to a wh | | RATE | - | | |
| - 100 = | 0 /50 = | - <u>-</u> | 0 | | × \$250 | 0.00 | \$ \$0.00 | |
| Surcharge of \$13 declaration after t | 0.00 for furnishing he date of comme | any of th | e search fee, examination of the national stage (37 | fee, CFR | or the oath 1.492(h)). | or | \$ \$130.00 | |
| CLAIMS | NUMBER F | LED | NUMBER EXTRA | | RATE | | | |
| Total claims | 20 | - 20 = | 0 | × | \$50 | .00 | \$ \$0.00 | |
| Independent clain | ns 1 | - 3= | 0 | х | \$200 | .00 | \$ \$0.00 | |
| MULTIPLE DEPE | NDENT CLAIMS | (if applica | ble) | + | \$360 | .00 | \$ \$0.00 | |
| | | TC | OTAL OF ABOVE CA | ALC | ULATIO | NS = | \$ \$130.00 | |
| Applicant cla | ims small entity st | atus. See | 37 CFR 1.27. Fees abov | e are | reduced b | у | \$ \$65.00 | |
| | | | | S | UBTOT | AL = | \$ \$65.00 | |
| | \$130.00 for furnised priority date (37 | | English translation later the 92(i)). | an 30 |) months fr | rom | \$ \$0.00 | |
| Jannoot Glanni | | | TOTAL N | IATI | ONAL F | EE = | \$ \$65.00 | |
| Fee for recording accompanied by a | the enclosed assign appropriate cov | gnment (3 er sheet | 37 CFR 1.21(h)). The ass (37 CFR 3.28, 3.31). \$40 | signm per j | ent must b | e + | \$ \$0.00 | |
| _ | | | TOTAL FEI | ES E | NCLOS | ED = | \$ \$65.00 | |
| | | | | | | | Amount to be | \$ |
| | | | | | | | Amount to be | \$ |
| | | | | | _ | | | |

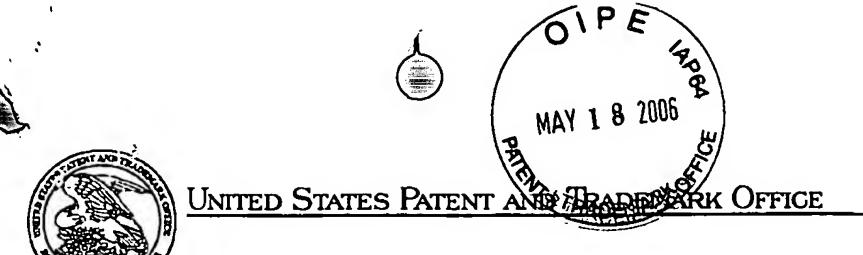
PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| a. A check in the amount of \$ | to cover th | e above fees is enclosed | l . | |
|---|-------------|---|--------------|--------------------------|
| b. Please charge my Deposit Account No. A duplicate copy of this sheet is enclosed. | 06-1130 | in the amount of \$ | \$65.00 | to cover the above fees. |
| c. The Commissioner is hereby authorized to composit Account No. 06-1130 | | litional fees which may be copy of this sheet is encl | <u>-</u> | credit any overpayment |
| d. Fees are to be charged to a credit card. WA information should not be included on the | | | · | |
| NOTE: Where an appropriate time limit under 37 must be filed and granted to restore the Internation | | | on to revive | (37 CFR 1.137(a) or (b)) |
| SEND ALL CORRESPONDENCE TO: | | | 7 | At _ |
| Daniel F. Drexler | | SIGNATUR | E | 1 |
| Registration No. 47,535 CANTOR COLBURN LLP | | Daniel F. | Drexler | |
| 55 Griffin Road South | | NAME | | |
| Bloomfield, CT 06002 | | 47,535 | | |
| Telephone: 860-286-2929 | | REGISTRA | TION NUMBE | R |
| Customer No.: 23413 | | 15 | May | 2006 |
| | | DATE | | |
| | | | | |
| | | | | |
| | | | | |



UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450

Alexandria, Virginia 22313-1450 www.uspto.gov

U.S. APPLICATION NUMBER NO.

FIRST NAMED APPLICANT

ATTY. DOCKET NO.

10/564,606

David Hirst

DEH-0019

23413 CANTOR COLBURN, LLP 55 GRIFFIN ROAD SOUTH BLOOMFIELD, CT 06002 RECEIVED

MAY 1 0 2006

CANTOR COLBURN LLP

INTERNATIONAL APPLICATION NO.

PCT/EP04/07935

I.A. FILING DATE PRIORITY DATE

CONFIRMATION NO. 3385

07/17/2003

371 FORMALITIES LETTER



OC00000018689567

07/15/2004

Date Mailed: 05/05/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- o Indication of Small Entity:Status அக்க வக்க சிரிய க்கிக்கு ஆகிக்கி
- o Copy of the International Application filed on 01/12/2006
- Copy of the International Search Report filed on 01/12/2006
- Copy of IPE Report filed on 01/12/2006
- Preliminary Amendments filed on 01/12/2006
- Information Disclosure Statements filed on 01/12/2006
- o Copy of references cited in ISR filed on 01/12/2006
- U.S. Basic National Fees filed on 01/12/2006
- Priority Documents filed on 01/12/2006
- Specification filed on 01/12/2006
- Claims filed on 01/12/2006
- Abstracts filed on 01/12/2006
- o Drawings filed on 01/12/2006

The applicant needs to satisfy supplemental fees problems indicated below.

THE REPORT OF THE PROPERTY OF

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- o Oath or declaration of the inventors; in compliance with 37 CFR 1.497(a) and (b), identifying the application
- by the International application number and international filing date.
- o To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

item:

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$65 for a Small Entity:

• \$65 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

BARBARA A CAMPBELL

Telephone: (703) 308-9140 EXT 217

PART 1 - ATTORNEY/APPLICANT COPY

| ERNATIONAL APPLICATION NO. | ATTY, DOCKET NO |
|----------------------------|-----------------|
| | DEH-0019 |
| | PCT/EP04/07935 |

FORM PCT/DO/EO/905 (371 Formalities Notice)